

Unit 4: Essential Questions

- How are multiplication and addition different? How are they the same?
- How are the same number of tiles with different square unit measurements such as square feet, inches, cm, and mm significantly different?
- How can an addition table help you explain the commutative property of multiplication?
- How can multiple math operations be used to solve real world problems?
- How can the same area model represent both multiplication and division?
- How can we connect multiplication facts with their area models?
- How can we determine numbers that are missing on a multiplication chart by knowing multiplication patterns?
- How can we use patterns to solve problems?
- How do estimation, multiplication, and division help us solve problems in everyday life?
- How does an area model relate to the commutative property of multiplication?
- How does the order of the digits in a multiplication problem affect the product?
- How does understanding the distributive property help us multiply large numbers?
- How is a pattern related to multiplication?
- How is the commutative property of multiplication evident in an area model?
- Why is it important to understand that more than one math operation may be needed to solve a problem?